

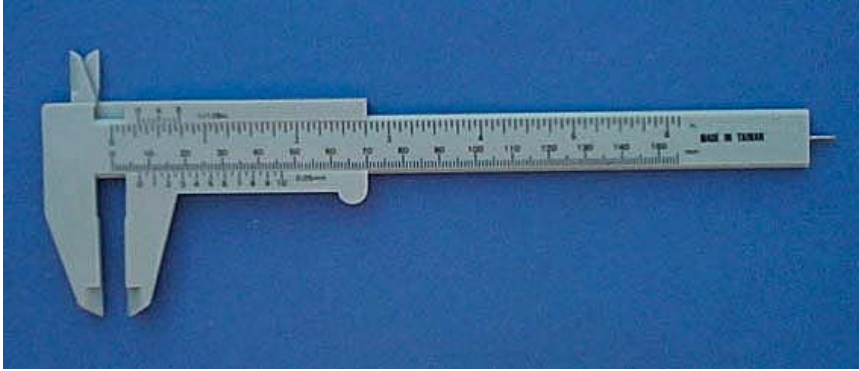

Price List of USDA Fresh Products Branch Inspection Equipment and Miscellaneous Items

(Revised 08/03/05)

To order any item on this list, complete the [order form \(bottom of this document\)](#) and fax to 916-332-4572. Shipping and handling costs will be charged. Prices are subject to change.

For further information, contact:

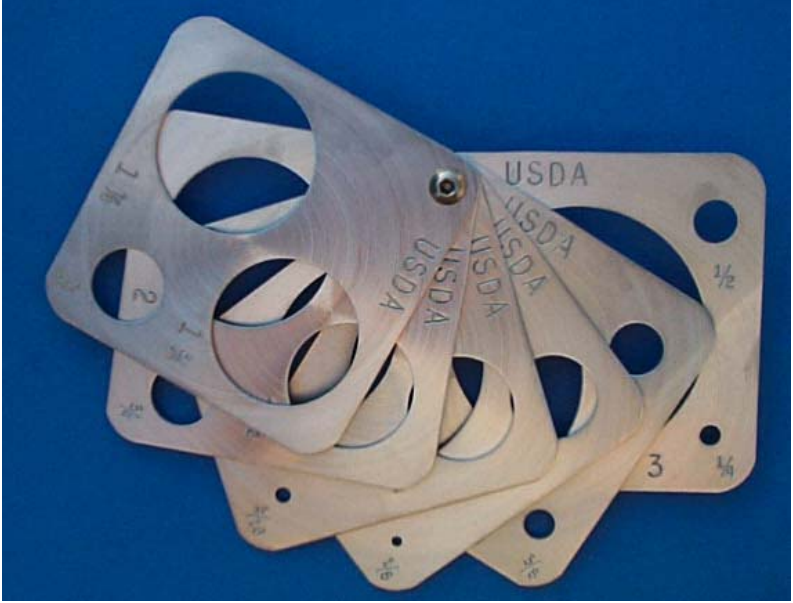

DIANE TANAKA
USDA, AMS, Fruit and Vegetable Programs
Fresh Products Branch, Equipment and Forms Depot
3355 Myrtle Avenue, Suite 240
North Highlands, California 95660
Phone 916-332-4566 Fax 916-332-4572

ITEM	DESCRIPTION	UNIT PRICE
Caliper I	<p>6" adjustable plastic, jaw length 1 1/2", 1mm and 1/16" graduations.</p> 	\$3.00
Caliper II	<p>6" adjustable plastic composite, jaw length 3 1/8", one fixed, one sliding jaw with brass tightening screw. Inch scale 1/16" graduation and centimeter scale. USDA logo silk screen on fixed jaw.</p> 	\$20.00
Nut/bolt set	Replacement nut/bolt set (stainless steel, solid brass) for Caliper II above	\$3.00
Caliper III	12" Aluminum Kemper, for accurate inside or outside measuring.	\$12.00

		
Caliper, Digital	<p>Mitutoyo Model 500-196, CD-6" CS. Electronic LCD display, measuring range 0-6 inches (0-150 millimeters). On/off switch, zero switch, inch/millimeter switch, origin button. Includes silver oxide battery (SR44 1.5V), approximate life is 3 1/2 years. Comes with plastic carrying case and instructions. Specifications--Resolution: 0.01 millimeter/0.0005"; Accuracy: +/-0.02 millimeter/+/-0.001"; Repeatability: 0.001millimeter/0.0005".</p> 	\$140.00
Battery for Digital Caliper	Replacement for Mitutoyo digital caliper (SR44/357)	\$2.00
Crate Opener	Metal hammer and nail puller/band cutter at opposite end	\$14.00
Diameter Gauge	Also known as a scar gauge. Clear plastic gauge with 15 diameter circles from 3/32" to 1-7/8" and a 6" ruler on one edge.	\$2.00
Harvest Bag	Fiskars 2-in-1 mesh with handles and easy-to-adjust wide strap to use as both a shoulder bag and a waist harvest bag. Bag is 16" deep and 9" in diameter.	\$11.00
Knife I	4 3/4" long with single retractable 3 3/4" blade (Schrade razor blade stainless) and white plastic handle engraved USDA AMS FPB	\$25.00


Knife II	5 1/2" long with single retractable 4 3/4" blade (Schrade razor blade stainless) and white plastic handle engraved USDA AMS FPB	\$28.00
Knife III	12" long stainless steel blade for cutting watermelon with easy-grip plastic handle and a plastic safety edge guard.	\$40.00
Edge Guard, Knife III	Replacement plastic safety edge guard for Knife III above	\$4.00
Light Meter	GE Model 217, pocket-size, color and cosine-corrected three-scale meter. Reads from 10 to 1,000 footcandles (FC) and up to 10,000 FC with included 10 X multiplier. No battery required.	\$90.00
Pressure Tester I	Penetrometer--Model 0-11# fruit pressure tester with peeler, two plungers, splash plate and hook for testing calibration in plastic case [for citrus, peaches, melons and soft fruit]	\$215.00
Pressure Tester II	Penetrometer--Model 3-27# fruit pressure tester with peeler, two plungers, splash plate and hook for testing calibration in plastic case [for apples, pears, kiwi, citrus and tomatoes]	\$215.00
Pressure Tester Fruit Peeler	Penetrometer--Replacement fruit peeler for pressure testers	\$12.00
Refractometer	ATAGO Model ATC-1E, with built-in temperature compensation system, 10° to 30°C compensation range, Brix 0.2% minimum scale, Brix 0.0 to 32.0% measurement range and Brix +/-0.2% accuracy	\$315.00
SCALES		
2-pound Capacity Scale	Chatillon barrel 1/2 oz. graduation	\$50.00
4-pound Capacity Scale	Chatillon barrel 1 oz. graduation	\$50.00
6-pound Capacity Scale	Chatillon barrel 1 oz. graduation	\$57.00

25-pound Capacity Scale	Chatillon barrel 4 oz. graduation	\$57.00
60-pound Capacity Scale	Chatillon barrel 8 oz. graduation	\$120.00
32-ounce Capacity/Dial Scale	Accu-Weigh dial tabletop, 1/8 oz. graduation, Model M-28PK with dashpot. Dimensions top 7 1/2" x 7 1/2", base 7 1/4" x 10 7/8", height 10 1/2"	\$150.00
70-pound Capacity/Dial Scale	Accu-Weigh dial platform, 4 oz. graduation, Model M-74 PK. Dimensions top 9 3/4" x 9 3/4", base 8 1/2" x 11 1/4", height 10 1/2"	\$170.00
70-ounce/2000 gram Capacity Electronic Scale	Sunbeam electronic digital, Model 78411-04. Large, easy to read LCD digital readout. Weighs in 0.10 oz./1gram increments with multiple tare and gross weight capacity. AC adapter or 9-volt battery operation (not included)	\$80.00
Adapter for Sunbeam Scale	Radio Shack 300mA 9V AC to DC adapter for Sunbeam electronic scale	\$15.00
SIZERS (Plastic)		
California Cherry Sizer	Dept of Food and Agriculture, revised 1997, black plastic, with 12 holes-- ⁸⁴ / ₆₄ ; ⁷⁹ / ₆₄ ; 9 Row ⁷⁵ / ₆₄ ; 9 1/2 Row ⁷¹ / ₆₄ ; 10 Row ⁶⁷ / ₆₄ ; 10 1/2 Row ⁶⁴ / ₆₄ ; 11 Row ⁶¹ / ₆₄ ; 11 1/2 Row ⁵⁷ / ₆₄ ; 12 Row ⁵⁴ / ₆₄ ; 12 1/2 Row ⁵¹ / ₆₄ ; 13 Row ⁴⁸ / ₆₄ ; and 14 Row ⁴⁶ / ₆₄	\$7.00
Washington Cherry Sizer	Dept. of Agriculture, blue plastic, with 11 holes-- 9, 9 1/2, 10, 10 1/2, 11, 11 1/2 and 12 row diameters and ⁴⁸ / ₆₄ ", ⁵² / ₆₄ ", ¹ / ₁₆ " and ¹ / ₈ "	\$7.00
Cranberry Sizer	USDA, 2001, green plastic, with 6 holes-- ⁹ / ₃₂ ", ¹³ / ₃₂ ", ¹⁴ / ₃₂ ", ¹⁸ / ₃₂ ", ²⁰ / ₃₂ ", ²² / ₃₂ "	\$6.00
SIZERS (Metal)		

<p>General Purpose Sizer</p>	<p>6-blade set, aluminum or better alloy; screw and lock nut fastened (4" long and wide, $\frac{1}{2}$" thick, blades minimum 0.060" thick), each blade stamped with sizes and USDA: Blade 1 - $\frac{3}{16}$", $1\frac{3}{4}$", $1\frac{7}{8}$"; Blade 2 - $\frac{1}{8}$", $1\frac{1}{2}$", 2"; Blade 3 - $\frac{7}{8}$", $1\frac{1}{4}$", $2\frac{1}{4}$"; Blade 4 - $\frac{3}{4}$", 1", $2\frac{1}{2}$"; Blade 5 - $\frac{3}{8}$", $\frac{5}{8}$", $2\frac{3}{4}$"; Blade 6 - $\frac{1}{4}$", $\frac{1}{2}$", 3"</p> 	<p>\$55.00</p>
<p>Grape Sizer</p>	<p>7-blade set, anodized aluminum, on split ring, $\frac{9}{16}$, $\frac{10}{16}$, $\frac{11}{16}$, $\frac{12}{16}$, $\frac{13}{16}$, $\frac{14}{16}$ and $\frac{15}{16}$ inch diameters. Each blade stamped with measurement. First blade stamped USDA.</p> 	<p>\$52.00</p>

<p>Florida Grapefruit Sizer</p>	<p>4-blade set, aluminum or better alloy; screw and lock nut fastened ($12\frac{1}{2}$" long, $6\frac{1}{2}$" wide, $\frac{5}{8}$" thick; individual blades minimum 0.07" thick) Stamped USDA and with these sizes: blade 1 - Sizes 23 and 18 ($4\frac{25}{32}$", $5\frac{9}{32}$";); Blade 2 - Sizes 32 and 27 ($4\frac{1}{4}$", $4\frac{9}{16}$";); Blade 3 - Sizes 40 and 36 ($3\frac{15}{16}$", $4\frac{1}{8}$";); Blade 4 - Sizes 56 and 48 ($3\frac{9}{16}$", $3\frac{3}{4}$")</p> 	<p>\$75.00</p>
<p>Potato, creamer sizer</p>	<p>4 x 4 single blade, aluminum or better alloy with three diameters: $\frac{3}{4}$, 1" and $1\frac{5}{8}$". Stamped with measurements and USDA. Special order</p>	<p>\$18.00</p>
<p>Potato/Onion Sizer</p>	<p>5-blade set, aluminum or better alloy; screw and lock nut fastened ($7\frac{1}{2}$" long, 5" wide, $\frac{1}{2}$" thick; individual blades minimum 0.060" thick) Stamped USDA and with these sizes: Blade 1 - $2\frac{3}{4}$", 3"; Blade 2 - 1", $2\frac{1}{2}$", $3\frac{1}{4}$";; Blade 3 - $1\frac{1}{4}$", $2\frac{1}{4}$", $3\frac{1}{2}$";; Blade 4 - $1\frac{3}{4}$", $1\frac{7}{8}$", $3\frac{3}{4}$";; Blade 5 - $1\frac{1}{2}$", 2", 4"</p> 	<p>\$75.00</p>



<p>USDA Tomato Sizer</p>	<p>4-blade set, aluminum or better alloy, screw and lock nut fastened ($7\frac{1}{2}$" long, 4" wide, $\frac{1}{4}$" thick; individual blades minimum 0.060" thick) Stamped USDA and individual blades stamped as follows: Small $2\frac{4}{32}$" - $2\frac{9}{32}$"; Medium $2\frac{8}{32}$"- $2\frac{17}{32}$"; Large $2\frac{16}{32}$"- $2\frac{25}{32}$"; Extra Large $2\frac{24}{32}$"</p>  <p>The image shows four aluminum tomato sizer blades. Each blade is a trapezoidal shape with a large circular hole in the center. They are stamped with 'USDA' and various size markings. One blade is clearly marked 'EX-LARGE' and 'TOMATO'. Another blade shows 'SMALL', 'MEDIUM', and 'LARGE' markings. The blades are arranged in a slightly overlapping manner against a blue background.</p>	<p>\$45.00</p>
<p>Florida Tomato Sizer</p>	<p>3-blade set, aluminum or better alloy; screw and lock nut fastened (first blade 4" by 4"; blades 2 and 3 $7\frac{1}{2}$" long, 4" wide; set $\frac{1}{4}$" thick; individual blades minimum 0.060" thick) Set arranged as follows: Blade 1, 5 x 6, $2\frac{25}{32}$"; Blade 2, 6 x 6, $2\frac{17}{32}$" and $2\frac{29}{32}$"; Blade 3, 6 x 7, $2\frac{9}{32}$" and $2\frac{19}{32}$". Each blade stamped: FL TOM sizer USDA 2000</p>	<p>\$36.00</p>

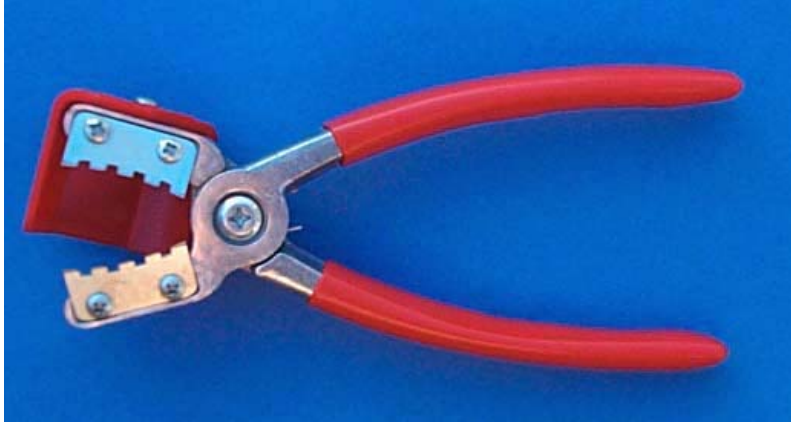
		
Individual Sizing Blades ($\frac{1}{16}$ " thick)	$1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{5}{8}$ ", $1\frac{3}{4}$ " or $1\frac{7}{8}$ " (4"x 4" single blade)	\$9.00
	2", $2\frac{1}{8}$ ", $2\frac{1}{4}$ ", $2\frac{3}{8}$ ", $2\frac{1}{2}$ ", $2\frac{5}{8}$ ", $2\frac{3}{4}$ " or $2\frac{7}{8}$ " (4"x 4" blade)	\$10.00
	3", $3\frac{1}{8}$ ", or $3\frac{1}{4}$ " (4"x 5" single blade)	\$11.00
	$3\frac{1}{2}$ ", $3\frac{3}{4}$ ", $3\frac{7}{8}$ " or 4" (5"x 6" single blade)	\$12.00
	$4\frac{1}{4}$ ", $4\frac{1}{2}$ ", $4\frac{3}{4}$ " or 5" (6"x 7" single blade)	\$13.00
	$5\frac{1}{4}$ " or $5\frac{1}{2}$ " (7"x 8" single blade)	\$14.00
THERMOMETERS		
Digital Thermometer I	Taylor 1" pocket, Model 9865, with stainless steel heavy duty stem, on/off buttons, carrying case. Includes silver oxide battery (393 1.5V). Recalibratable with a range of -60 ° to 300 ° F	\$22.00

		
Battery I, 9865 thermometer	Replacement for Taylor 9865 digital thermometer (SR754/363)	\$2.00
Digital Thermometer II	<p>Taylor 1" pocket, Model 9842, waterproof, instant read, with stainless steel heavy duty stem, on/off buttons and carrying case. Automatic shut off after 10 minutes if there is no change in temperature. Includes alkaline battery (LR44 1.5V). Recalibratable with a range of -40° to 450° F</p> 	\$13.00
Battery II for 9842 Thermometer	Replacement for Taylor 9842 digital thermometer (LR44/357)	\$2.00

Glass Thermometer , Testing	0° to 120° F, red liquid whiteback (Accusafe), 1° divisions, 12" long, 3" immersion. NIST certified for accuracy to +/- one scale division. Includes open face armor and protective carrying case. Use a control to test the accuracy of digital thermometers. Includes "General Blanket Certificate of Accuracy."	\$85.00
MISCELLANEOUS EQUIPMENT		
Apple Corer	All-purpose corer with peeler and a pointed, serrated blade that cuts a 3/4" diameter core or a sawtooth cylindrical corer which cuts a 3/4" core with a comfortable grip handle	\$5.00
Apple Color Guide	Revised August 2002 - Official Visual Aids for Apples (AP-CC-1 A through E). Includes minimum good shade or striped red color, minimum compensating color and not to be considered as a color for (A) Red Delicious, Empire and Red Rome; (B) Winesap and Rome; (C) Delicious; (D) McIntosh and Cortland; and (E) Jonathan, Idared, Stayman and York.	\$30.00
Garlic Press I	Plastic hinged press, 3/4" deep with 1" wide press/strain basin with self-cleaning feature on handle.	\$4.00
Garlic Press II	Metal hinged press, 7/8" deep with 1 1/2" oval press/strain basin and removable screen for easy cleaning.	\$8.00
Grading Table	<p>USDA inspection table made with 0.090" aluminum. Table has a lamp, locking swivel and rigid casters, tubestand with hook for hanging scale, a shelf that will hold up to 200 pounds, rod to hang sorting bags and a storage compartment. Approximate dimensions: 36" wide x 52" long x 50" high. Shipped FOB Origin.</p> <p><i>Grading tables are manufactured in batches based on a group of orders. Interested parties should contact the Depot to be included on the waiting list.</i></p>	Priced when manufactured

		
Metal Check Weights (pounds)	Set of 1, 2, 5, 10 and 25 pounds	\$220.00
	1-pound check weight	\$27.00
	2-pound check weight	\$32.00
	5-pound check weight	\$39.00
	10-pound check weight	\$46.00
	25-pound check weight	\$76.00
Metal Check Weights (grams)	Set of 50, 100 and 200 grams	\$100.00
	50-gram check weight	\$30.00
	100-gram check weight	\$34.00
	200-gram check weight	\$36.00
Peanut Trier	Nickel-plated steel, 13" long. Outside diameter is 1 1/2" at large end; slot is 7 3/8" long with a top slot width of 1 1/4" tapering down to 1/4". Includes a protective sheath.	\$115.00
Positive Lot Identification (PLI) Stickers	8" by 4" sticker, fluorescent chartreuse color with nonreleasing adhesive. Sticker has rounded corners and 1/8" spacing between stickers. Roll has 500 stickers; 10 rolls per carton. Order number of rolls or cartons (10 rolls each) needed. <i>(Discount available for larger quantities. Contact us for pricing schedule.)</i>	\$28.00 per roll

		
PLI Tape	<p>Preprinted USDA cornucopia on white PVC 2" x 55yds with 12" repeat lettering; 36 rolls per carton. Order number of rolls or cartons (36 rolls each) needed.</p> 	\$6.00 per roll
PLI Tape Dispenser	Pistol grip with adjustable braking mechanism for fast, one-hand dispensing of PLI tape on pallets and packages	\$10.00
Potato Color Booklet	Revised May 1998--Official Visual Aids for Potatoes (POT-L-1). Includes 143 lithograph photos of basic requirements for potatoes and identification and classification of various disorders and defects. Three-ring vinyl notebook; 11 ¹ / ₂ " long, 10" wide, 1 ¹ / ₂ " thick	\$100.00
Potatoes, Frozen French Fried Color Standards	USDA Color Standards for Frozen French Fried Potatoes, Fourth Edition, 1988, Munsell Color, Baltimore, MD. Folder with three different style cuts of french fries and a series of colors depicting changes that occur from the frying process. Screen color classes illustrated 000, 00, USDA No. 0, No. 1, No. 2, No. 3 and No. 4.	\$35.00

Quick Reference Manual	Revised February 2005--Six-ring vinyl notebook, includes a diameter gauge. Designed for on-the-job use by USDA market inspectors. Contains information pertaining to size, quality and condition. Also given are tolerances for most commonly used grades and assorted helpful hints, such as average freezing point and storage requirements for commodities covered. Dimensions height 6 ¹ / ₂ ", width 4 ¹ / ₄ ", thickness 1".	\$55.00
Snips	Wiss Metalmaster with compound lever action for easy repetitive cutting and drop forged alloy steel blades finely serrated to prevent slipping. Will cut 18-gauge and lighter sheet metal 1 3/8" either moderate left, moderate right, or straight. Snips have yellow nonslip vinyl-covered grips for cutting comfort and a safety latch, are 9 3/4" long, and weigh 14 oz.	\$18.00
Texan Nut Sheller	<p>Easy to use aluminum nut sheller with red vinyl-covered handles and nut holder. Dual blades clip off the ends and sides of the nut, keeping most of the nut kernel whole and outside of the cutting jaws. Use to shell pecans, Brazil nuts, walnuts, filberts, almonds and other nuts.</p> 	\$10.00
Texan Nut Sheller blade replacement kit	Two replacement blades and spring for Texan nut sheller.	\$4.00

Tomato Color Chart	Color chart for classification requirements of surface color for tomatoes described as green, breakers, turning, pink, light red and red. (February 1975) USDA Visual Aid TM-L-1.	\$10.00
Walnut Color Chart	Pictorial reference for classifying walnut kernels with U.S. Standards for grades of shelled walnuts and walnuts in the shell (1967)	\$10.00
VISUAL AIDS		
Cherry, Sour Color Comparator	Color comparator for red sour cherries for manufacture minimum color U.S. No. 1 (June 1999) USDA Visual Aid PL-1-RSP	\$5.00
Cherry, Sweet Color Comparator	Color comparator for sweet cherries minimum color for bings and other similar varieties (March 1999) USDA Visual Aid PL-1	\$5.00
Cucumber Color Comparator	Color comparator for cucumber medium green (April 1999) USDA Visual Aid CC-1	\$5.00
Lime color comparator	Color comparator for Persian limes, minimum color considered "good green" (July 2000) USDA Visual Aid LIM-CC-1	\$5.00
Onion I Color Comparator	Color comparator for BGG onions, dark green and light to medium green (Sept 01) USDA Visual Aid ONS-CC-1	\$5.00
Onion II Color Comparator	Color comparator for Northern onions, medium green (Sept 2001) USDA Visual Aid ONS-CC-2	\$5.00
Peanut I Color Comparator	Color comparator for brown, gray, blue-gray and purple skin discoloration on peanuts (Revised 1983) USDA Visual Aid PN-1	\$10.00
Peanut II Visual Aid	Visual aid for purple flesh discoloration, maximum allowed before minor (July 2000) USDA Visual Aid PNT-CP-9	\$5.00
Peanut III Visual Aid	Visual aid for green flesh discoloration, maximum allowed before minor (February 2003) USDA Visual Aid PNT-CP-10.	\$5.00

Pear I Color Comparator	Color comparator for green, light green, yellowish green and yellow ground color on pears (Revised 1983 and 1999) USDA Visual Aid PR-1	\$10.00
Pear II Color Comparator	Color comparator for dark brown and medium brown skin discoloration on pears (Revised 1983) USDA Visual Aid PR-2.	\$10.00
Pistachio Color Comparator	Color comparator for maximum brown color allowed for light staining on pistachios (October 2000) USDA Visual Aid PIS-CC-1.	\$5.00
Potato Color Comparator	Color comparator for brown center and hollow heart with discoloration in potatoes (January 1998) USDA Visual Aid POT-CC-1.	\$5.00
Watermelon Color Comparator	Color comparator for minimum color for mature red-flesh varieties of watermelons (March 2000) USDA Visual Aid WAT-CC-1	\$10.00
Compact Disks	POT-L-1 Visual Aid (April 1998) on CD Peanut Visual Aid on CD Strawberries Training Module on CD	\$100.00 \$50.00 \$100.00
8 x 10 Black and White Photographs	For each copy up to 50 For each copy if order is for 51 or more	\$7.50 \$5.00
8 x 10 Color Photographs	For each copy up to 50 For each copy if order is for 51 or more	\$15.00 \$10.00
2 x 2 slide duplicates	For each copy	\$2.50
Inspection and Visual Aids	USDA Fresh Products Branch "Official Inventory of Inspection Aids and 2 x 2 Slids," December 2004	\$15.60
Note: All pressure testers, refractometers, scales, sizers and thermometers meet USDA specifications.		



ORDER FORM FOR USDA FPB INSPECTION EQUIPMENT AND MISCELLANEOUS ITEMS



Print, complete and fax to 916-332-4572.

ITEM	QUANTITY	<i>Equipment and Forms Depot Use Only</i>

BILL TO:

Name_____

Company Name_____

Address_____

City/State/Zip Code_____

Phone & Fax Numbers_____

SHIP TO: *Location address needed for FedEx Express and Ground delivery {Indicate if a residence}*

Name_____

Company Name_____

Address_____

City/State/Zip Code_____

Phone & Fax Numbers_____

If your order must be sent by Fed Express Overnight, check here: ☐ **Rush/overnight**

PAYMENT INFORMATION

☐ **Check enclosed** (*Payable to "USDA AMS"*)

☐ **Credit card** (*VISA, MasterCard, Discover and American Express accepted*) **Card**
number and expiration date _____
Cardholder's name and signature _____

☐ **Invoice** (Applicable only if you use the USDA inspection service)

PURCHASE ORDER NO. _____

User of USDA inspection service? ☐ *No* ☐ *Yes*

Location _____ **Phone Number** _____

PLEASE FAX OR MAIL TO:

USDA, FPB, Equipment and Forms Depot ❖ 3355 Myrtle Avenue, Suite 240 ❖ North Highlands, California 95660 ❖ Phone 916-332-4566 ❖ Fax 916-332-4572